

TO: Federal Communications Commission  
RE: Comments on "BPL" NOI ET Docket 03-104  
7 Aug., 03

Gentlemen

My name is Stan Gantz, and I hold Amateur Radio Extra Class license; W5GZ. I was first licensed in 1976 as WN5TGL, later obtaining every license class through Amateur Extra.

As a predominantly HF operator working almost strictly DX, I must voice my extreme concern over this "Broadband over Power Line (BPL)" service that you are considering.

As Radio Amateurs, we are constantly attempting to receive the extremely weak, usually foreign Amateur signals so as to complete a contact. On some bands this requires either multi-element arrays or hundreds if not thousands of feet of wire for say a Beverage antennas on the lower frequency bands so as just to get a "barely usable" signal so as to complete a contact. Many of us have thousands upon thousands of dollars invested in our radio stations, and if we NOW will have MORE interference from a TOTALLY PREVENTABLE source, (BPL), this will be un-imaginable!!!

It is your DUTY, as the FCC...as the protector of our Airways, to PROTECT the Amateur Radio Service from interference, real or proposed, (which is also ILLEGAL) and BPL WILL CAUSE!!!!

I understand that the electrical providers will keep it clean.... NO WAY!! I have been trying for 25 YEARS to get "60 Cycle interference" cleaned up locally, but usually to NO AVAIL. It is impossible to copy an S-1 signal through an S-9+ NOISE LEVEL!! What makes you so certain that "BPL" will be totally contained at their very high projected ERP? .....YOU CAN'T!

I ask you to PLEASE do what the ARRL has stated, " BPL will not be permitted to operate in or near any Amateur Radio allocations" and that any future changes in ham allocations would "trigger retroactive modifications to BPL facilities" to avoid Amateur frequencies. In addition, the ARRL suggests that; "Spurious emissions from BPL facilities be substantially attenuated below current Part 15 requirements".

I also must agree with the ARRL in their statement of; "BPL cannot be deployed using amateur allocations in the MF, HF, and VHF bands without a severe high interference potential"! Please, as I said above, it is your duty to protect ALL current services from real or proposed interference!

Let me leave with this scenario; Lets say that a Ham who was mobile came upon an accident, and this Ham could not relay a message, due to this BPL interference, that contained vital information on this serious accident to the authorities so as to get an ambulance to the scene to transport an extremely injured person to a hospital. And that person then died...Would you be willing to assume that responsibility knowing that you could have prevented it by NOT accepting BPL?

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